Ec 7/GULF/27014

29094-A1-E3-250

Houston

TEXAS

1:250 000-scale map of

Gulf Coast Ecological Inventory

REMARK PUBLIC DOMAIN
NOV 1 1982
U.S. GEOLOGICAL SURVEY

Produced by
U. S. FISH AND WILDLIFE SERVICE
1982

LIBRARY

NOTES

GENERAL

All species depicted on the Houston sheet include both natural and

SPECIES WITH SPECIAL STATUS

Aquatic species with special status that may be found in the Gulf of Mexico depicted on the Houston sheet include:

Sea birds (101, 102, 202, 203, 204)

Peregrine falcon (199) may be found in coastal areas depicted on the Houston sheet.

American alligators (Nos 311) may be found throughout the area depicted on the Houston sheet

AQUATIC ORGANISMS

Due to scale limitations, only representative estuarine and marine systems are shown. Species of importance in a particular river, creek, or estuary are denoted on the map.

Species that generally may be found in the Gulf of Mexico depicted on the Houston sheet include:

Finfish: 53sm, 53am, 54am, 55b, 60b, 98a, 111gb, 112gb, 113gb, 115gb, 116gb, 118gb, 119gb, 120gb, 123gb, 127b, 128b, 129b, 140b, 142b, 143b, 144gb, 230gb, 234gb, 250a, 251, 252.

Tidal eutaries depicted on the Houston sheet serve as migration routes for estuarine-dependent species.

Generally includes the following species:

Finfish: 52sm, 54agbm, 55bm, 105gb, 110gb, 111gb, 112gb, 113gb, 115gb, 116gb, 118gb, 119gb, 120gb, 123gb, 140gb, 142b, 143b, 144b, 198a, 230gb, 234gb

Generally includes the following species:

Finfish: 52sm, 54agbm, 55bm, 105gb, 110b, 111b, 112gb, 113gb, 115b, 116b, 118b, 119b, 120gb, 140gb, 142b, 143b, 144b, 198a, 230gb, 234gb

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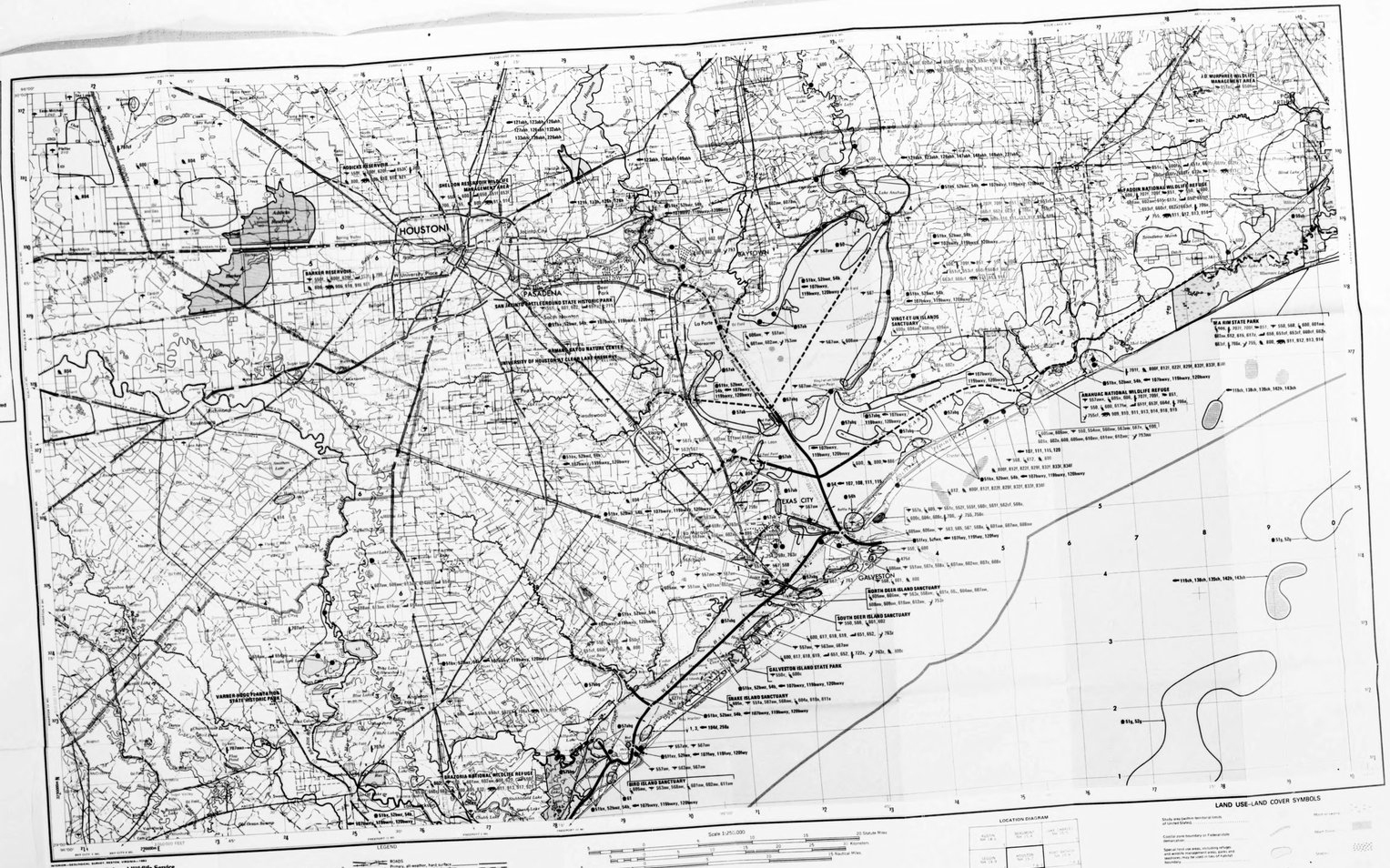
TERRESTRIAL ORGANISMS

Nutria (Myocastor coypus) may be found in most freshwater areas depicted on the Houston sheet.



Produced by U. S. Fish and Wildlife Service

Base map prepared by U. S. Geological Survey 1975

Gulf coast ecological inventory compiled in 1982 by Fish and Wildlife Service from data furnished by Federal agencies, State agencies, and other sources. Map scale limitation precludes the inclusion of all available information on species occurrence and distribution. A detailed text—Gulf Coast Ecological Inventory—is available from Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

LEGEND

POPULATED PLACES
Over 500,000 — LOS ANGELES
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
2,500 to 25,000 — Durango
Less than 1,000 — Grand Valley

RELIEF
Spot elevation — Landmark area — Landing area — Seaplane airport — Orchard — Woods (in urban)

BOUNDARIES
International — State — County — Park or reservation

ROADS
Primary, all weather, hard surface — Secondary, all weather, hard surface — Light duty, all weather, unimproved surface — 4-wheel drive, unimproved surface — Interchange — Route markers: Interstate, U.S., State — Mine — Cross ing — Church, School, Church, Other — Spot elevation in feet — Marsh or swamp — Mangrove swamp — Sounding datum line

Scale 1:250,000
20 Statute Miles
20 Kilometers
15 Nautical Miles

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 15

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

INDEX TO ADJOINING 1:250,000 SCALE MAPS

TG	LD	LE
TC	UC	UE

TO USE A COMBINED REFERENCE IN THIS SHEET TO NUMBER 1 AND 2 SHEETS

LAND USE–LAND COVER SYMBOLS

Study area (within territorial limits of United States)

Coastal zone boundary on Federal-state demarcation

Type-of-land use areas, including refuges and wildlife management areas; parks and recreation areas; may be used on two of hybrid boundary

Subdivision of a specific land use area into more than one designation

Woods or trees
Marsh or swamp
Water
Urban
Mud

POINT AND AREA FEATURE SYMBOLS

Shown in BLUE, symbols with special status known or suspected to occur in the Houston area are depicted on the Houston sheet. For more information see Species with Special Status.

AQUATIC ORGANISMS

SYMBOL	SPECIES
	PLANTS (1-99)
1	Sargassum
2	Sargassum spp.
3	Spartina alterniflora
	INVERTEBRATES (100-199)
100	Worms
101	Worms burrowing
102	Worms tubicolous
103	Worms parasitic
104	Worms boring
105	Worms nereid
106	Worms clam
107	Worms polychaete
108	Worms sabellid
109	Worms serpulid
110	Worms sipunculid
111	Worms echiurid
112	Worms priapulid
113	Worms phoronid
114	Worms nemertean
115	Worms flatworm
116	Worms acanthocephalan
117	Worms nematode
118	Worms gordian
119	Worms rotifer
120	Worms gastrotrich
121	Worms kinorhynch
122	Worms tardigrade
123	Worms entoproct
124	Worms ectoproct
125	Worms brachiopod
126	Worms chaetognath
127	Worms hemichordate
128	Worms tunicate
129	Worms cephalochordate
130	Worms pterobranch
131	Worms echinoderm
132	Worms crinoid
133	Worms asteroid
134	Worms ophiuroid
135	Worms echinoid
136	Worms holothurian
137	Worms pogonophoran
138	Worms cephalopod
139	Worms gastropod
140	Worms bivalve
141	Worms scaphopod
142	Worms monoplacophoran
143	Worms amphineuran
144	Worms aplacophoran
145	Worms placophoran
146	Worms annelid
147	Worms leech
148	Worms oligochaete
149	Worms archiannelid
150	Worms polychaete
151	Worms errant polychaete
152	Worms sedentary polychaete
153	Worms arthropod
154	Worms crustacean
155	Worms branchiopod
156	Worms fairy shrimp
157	Worms clam shrimp
158	Worms tadpole shrimp
159	Worms branchiopod
160	Worms fairy shrimp
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199	Worms branchiopod
	VERTEBRATES (200-399)
200	Fish
201	Fish lamprey
202	Fish hagfish
203	Fish shark
204	Fish ray
205	Fish bony fish
206	Fish herring
207	Fish anchovy
208	Fish catfish
209	Fish toadfish
210	Fish pipefish
211	Fish silverside
212	Fish killifish
213	Fish livebearer
214	Fish mullet
215	Fish barracuda
216	Fish jack
217	Fish snapper
218	Fish grunt
219	Fish porgy
220	Fish drum
221	Fish goatfish
222	Fish butterfly fish
223	Fish angelfish
224	Fish damselfish
225	Fish wrasse
226	Fish parrotfish
227	Fish weever
228	Fish jawfish
229	Fish blenny
230	Fish goby
231	Fish sleeper
232	Fish dragonet
233	Fish barracuda
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398	Fish jawfish
399	Fish blenny

HABITAT USE

Shown in BLUE, symbols with special status known or suspected to occur in the Houston area are depicted on the Houston sheet. For more information see Species with Special Status.

1	Emergent wetland	4	Marine intertidal
2	Scrub-shrub wetland	5	Estuarine intertidal
3	Forested wetland	6	Riverine intertidal

GULF COAST ECOLOGICAL INVENTORY
HOUSTON, TEXAS
1982